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                 Web Page for STN Seminar Schedule - N. America
NEWS
     1
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         JUL 02
                 LMEDLINE coverage updated
NEWS 3
         JUL 02
                 SCISEARCH enhanced with complete author names
NEWS 4
         JUL 02
                 CHEMCATS accession numbers revised
NEWS 5
         JUL 02
                 CA/CAplus enhanced with utility model patents from China
         JUL 16
NEWS 6
                 CAplus enhanced with French and German abstracts
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         JUL 18
NEWS
                 CA/CAplus patent coverage enhanced
NEWS 8
         JUL 26
                 USPATFULL/USPAT2 enhanced with IPC reclassification
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                 FSTA enhanced with new thesaurus edition
NEWS 12
         AUG 13
                 CA/CAplus enhanced with additional kind codes for granted
                 patents
NEWS 13
                 CA/CAplus enhanced with CAS indexing in pre-1907 records
         AUG 20
         AUG 27
NEWS 14
                 Full-text patent databases enhanced with predefined
                 patent family display formats from INPADOCDB
NEWS 15
         AUG 27
                 USPATOLD now available on STN
NEWS 16
         AUG 28
                 CAS REGISTRY enhanced with additional experimental
                 spectral property data
NEWS 17
         SEP 07
                 STN AnaVist, Version 2.0, now available with Derwent
                 World Patents Index
NEWS 18
         SEP 13
                 FORIS renamed to SOFIS
                 INPADOCDB enhanced with monthly SDI frequency
NEWS 19
         SEP 13
         SEP 17
                 CA/CAplus enhanced with printed CA page images from
NEWS 20
                 1967-1998
NEWS 21
         SEP 17
                 CAplus coverage extended to include traditional medicine
                 patents
NEWS 22
         SEP 24
                 EMBASE, EMBAL, and LEMBASE reloaded with enhancements
         OCT 02
                 CA/CAplus enhanced with pre-1907 records from Chemisches
NEWS 23
                 Zentralblatt
         OCT 19
NEWS 24
                 BEILSTEIN updated with new compounds
NEWS 25 NOV 15
                 Derwent Indian patent publication number format enhanced
NEWS 26 NOV 19
                 WPIX enhanced with XML display format
NEWS 27
         NOV 30
                 ICSD reloaded with enhancements
NEWS 28
        DEC 04
                 LINPADOCDB now available on STN
NEWS EXPRESS
              19 SEPTEMBER 2007: CURRENT WINDOWS VERSION IS V8.2,
              CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0jc(jp),
              AND CURRENT DISCOVER FILE IS DATED 19 SEPTEMBER 2007.
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              Welcome Banner and News Items
NEWS LOGIN
              For general information regarding STN implementation of IPC 8
NEWS IPC8
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FILE 'HOME' ENTERED AT 17:09:00 ON 10 DEC 2007

=> s imidopercarboxylic

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command can only be used to look at the index in a file which has an
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=> FIL HCAPLUS

COST IN U.S. DOLLARS

SINCE FILE TOTAL ENTRY SESSION 0.63 0.63

FULL ESTIMATED COST

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s imidopercarboxylic

L1 5 IMIDOPERCARBOXYLIC

=> s la and alpha crystalline form

11 and alpha crystalline form 1730426 ALPHA

2474 ALPHAS

1730534 ALPHA

(ALPHA OR ALPHAS)

81568 CRYSTALLINE

257 CRYSTALLINES

81803 CRYSTALLINE

```
(CRYSTALLINE OR CRYSTALLINES)
        364704 CRYST
          1801 CRYSTS
        365972 CRYST
                  (CRYST OR CRYSTS)
        393397 CRYSTALLINE
                  (CRYSTALLINE OR CRYST)
       1675603 FORM
        634981 FORMS
       2157703 FORM
                  (FORM OR FORMS)
           153 ALPHA CRYSTALLINE FORM
                  (ALPHA (W) CRYSTALLINE (W) FORM)
L2
             O L1 AND ALPHA CRYSTALLINE FORM
=> s l1 and alpha crystalline
       1730426 ALPHA
          2474 ALPHAS
       1730534 ALPHA
                  (ALPHA OR ALPHAS)
         81568 CRYSTALLINE
           257 CRYSTALLINES
         81803 CRYSTALLINE
                  (CRYSTALLINE OR CRYSTALLINES)
        364704 CRYST
          1801 CRYSTS
        365972 CRYST
                  (CRYST OR CRYSTS)
        393397 CRYSTALLINE
                  (CRYSTALLINE OR CRYST)
           435 ALPHA CRYSTALLINE
                  (ALPHA(W)CRYSTALLINE)
             0 L1 AND ALPHA CRYSTALLINE
L3
=> s l1 and crystalline
         81568 CRYSTALLINE
           257 CRYSTALLINES
         81803 CRYSTALLINE
                  (CRYSTALLINE OR CRYSTALLINES)
        364704 CRYST
          1801 CRYSTS
        365972 CRYST
                  (CRYST OR CRYSTS)
        393397 CRYSTALLINE
                  (CRYSTALLINE OR CRYST)
L4
             0 L1 AND CRYSTALLINE
=> s l1 and crystal
       1349822 CRYSTAL
        679282 CRYSTALS
       1646784 CRYSTAL
                  (CRYSTAL OR CRYSTALS)
             1 L1 AND CRYSTAL
L5
=> s l1 and alpha
       1730426 ALPHA
          2474 ALPHAS
       1730534 ALPHA
                  (ALPHA OR ALPHAS)
L6
             1 L1 AND ALPHA
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=> s l1 and beta
       1496636 BETA
           232 BETAS
       1496707 BETA
                 (BETA OR BETAS)
L7
             1 L1 AND BETA
=> d l4 ibib abs hitstr tot
L4 HAS NO ANSWERS
              5 SEA FILE=HCAPLUS ABB=ON PLU=ON
Ll
L4
              O SEA FILE=HCAPLUS ABB=ON PLU=ON L1 AND CRYSTALLINE
=> d 15 ibib abs hitstr tot
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ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2007 ACS on ST L_5

ACCESSION NUMBER:

2005:1042379 HCAPLUS

DOCUMENT NUMBER:

143:328182

TITLE:

Dilution process for imidopercarboxylic

IMIDOPERCARBOXYLIC

acids solution

INVENTOR (S):

Bianchi, Ugo Pilero; Garaffa, Roberto

PATENT ASSIGNEE(S):

Solvay Solexis S.p.A., Italy PCT Int. Appl., 22 pp.

SOURCE: CODEN: PIXXD2

DOCUMENT TYPE:

Patent

LANGUAGE:

English

FAMILY ACC. NUM. COUNT:

PATENT INFORMATION:

PA'	PATENT NO.				KIND DATE				APPLICATION NO.						DATE				
WO.	2005	0905	 4 4		 A1	-	2005	 0929.		WO 2	-~ 005-1	 EP51	 172		- 2	 0050:	315		
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							DE,												
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			•	•			LV,	•	•	•	•	•				•	•		
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					-		TT,		-	-	•	•				•	•	ZW	
	RW:						MW,												
		AZ,	BY,	KG,	KZ,	MD,	RU,	ТJ,	TM,	ΑT,	BE,	BG,	CH,	CY,	CZ,	DE,	DK,		
		EE,	ES,	FI,	FR,	GB,	GR,	HU,	ΙE,	IS,	IT,	LT,	LU,	MC,	NL,	PL,	PΤ,		
		RO,	SE,	SI,	SK,	TR,	BF,	ВJ,	CF,	CG,	CI,	CM,	GΑ,	GN,	GQ,	GW,	ML,		
		MR,	NE,	SN,	TD,	TG													
EP	1727	887			A1		2006	1206		EP 2	005-	7170	46		2	0.050	315		
	R:	AT,	BE,	BG,	CH,	CY,	CZ,	DE,	DK,	EE,	ES,	FI,	FR,	GB,	GR,	HU,	IE,		
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MARPAT 143:328182

A process for obtaining dilute aqueous solns. containing an amount of < 7% by weight,

expressed as a percentage by weight, of imidoalkanepercarboxylic acids, starting with concentrated aqueous compns. of the said peracids in the β form, the said concentrated compns. being obtained from the imidoalkanepercarboxylic acids in the α - crystal form, comprises the following

steps: (I) dilution of the concentrated aqueous composition of imidoalkanepercarboxylic

in

acids (C) with an aqueous solution (D) having a pH of between 2 and 5, in a (C):(D) proportion, expressed in parts by weight, of between 0.1:10 and 10:0.2, working at temps. of between 4° and 30°; (II)

application to the dilute aqueous composition obtained in (I) of a shear force off at

least 5000 s-1, until a constant dynamic viscosity is obtained; (III) dilution of the dilute aqueous composition treated in (II) to obtain an imidoalkanepercarboxylic acid concentration of < 7% by weight; (IV) optionally, final homogenization of the composition Such dilute aqueous compns. are used

detergency applications, in disinfection applications, and are applied by means of dispersers (triggers).

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d l6 ibib abs hitstr tot

L6 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2005:1042379 HCAPLUS DOCUMENT NUMBER: 143:328182

TITLE: Dilution process for imidopercarboxylic

acids solution

INVENTOR(S): Bianchi, Ugo Piero; Garaffa, Roberto

PATENT ASSIGNEE(S): Solvay Solexis S.p.A., Italy

SOURCE: PCT Int. Appl., 22 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.			KIND DATE			APPLICATION NO.					DATE					
			}				- 									
	WO 2005090544			A1 / 20050928			WO 2005-EP51172					20050315				
₩:	AE, AG,	AL,	AM, 🗚	T, AU,	AZ.,	ΒA,	BB,	BG,	BR,	BW,	BY,	BZ,	CA,	CH,		
	CN, CO,	CR, C	CU, 🕭	Z_{i}	DK,	DM,	DZ,	EC,	EE,	EG,	ES,	FI,	GB,	GD,		
	GE, GH,															
	LK, LR,															
	NO, NZ,	OM,	PG, P	H, PL,	PT,	RO,	RU,	SC,	SD,	SE,	SG,	SK,	SL,	SM,		
	SY, TJ,	TM,	TN, T	R, TT,	TZ,	UA,	ŪĠ,	US,	UΖ,	VC,	VN,	YU,	ZA,	ZM,	ZW	
RW:	BW, GH,	GM,	KE, L	S, MW,	MZ,	NA,	SD,	SL,	SZ,	TZ,	UG,	ZM,	ZW,	AM,		
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	MR, NE,	SN,	TD, T	G												
· EP 17278	87		A1	2006	1206	1	EP 20	005-	71704	16		2	0050	315		
R:	AT, BE,	BG, (CH, C	Y, CZ,	DE,	DK,	EE,	ES,	FI,	FR,	GB,	GR,	HU,	ΙE,		
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CN 19302	78		A	2007	0314	(CN 20	005-	30008	3194		2	0050	315		
JP 20075		T	2007	1025	JP 2007-503341				41	20050315						
PRIORITY APPL								MI49'				0040				
						1	WO 20	005-1	EP51:	L72	1	W 2	0050	315		

OTHER SOURCE(S): MARPAT 143:328182

AB A process for obtaining dilute aqueous solns. containing an amount of < 7% by weight,

expressed as a percentage by weight, of imidoalkanepercarboxylic acids, starting with concentrated aqueous compns. of the said peracids in the β form, the said concentrated compns. being obtained from the imidoalkanepercarboxylic acids in the α -crystal form, comprises the following

steps: (I) dilution of the concentrated aqueous composition of imidoalkanepercarboxylic acids (C) with an aqueous solution (D) having a pH of between 2 and 5, in a (C):(D) proportion, expressed in parts by weight, of between 0.1:10 and

10:0.2, working at temps. of between 4° and 30°; (II)

application to the dilute aqueous composition obtained in (I) of a shear force off at

least 5000 s-1, until a constant dynamic viscosity is obtained; (III) dilution of the dilute aqueous composition treated in (II) to obtain an imidoalkanepercarboxylic acid concentration of < 7% by weight; (IV) optionally, final homogenization of the composition Such dilute aqueous compns. are used

detergency applications, in disinfection applications, and are applied by means of dispersers (triggers).

REFERENCE COUNT:

THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d 17 ibib abs hitstr tot

L7 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2007 ACS on SIN

5

ACCESSION NUMBER:

2005:1042379 HCAPLUS

DOCUMENT NUMBER:

143:328182

TITLE:

in

Dilution process for imidopercarboxylic

acids solution

INVENTOR(S):

Bianchi, Ugo Piero; Garaffa, Roberto

PATENT ASSIGNEE(S): Solvay Solexis S.p.A., Italy

SOURCE:

PCT Int. Appl., 22 pp. CODEN: PIXXD2

DOCUMENT TYPE:

Patent

LANGUAGE:

English

FAMILY ACC. NUM. COUNT:

PATENT INFORMATION:

PATENT NO.					KIND DATE					APPL	ICAT	ION I		DATE					
WO 2005090544				A1 20050929) .	 WO 2	EP51	20050315								
						AZ	AII.	Def.	RΔ	BB	BG.	BR	RW	BY	B7.	CA	CH		
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		NO,	NZ,	OM,	PG,	PH,	PL,	PT,	RO,	RU,	SC,	SD,	SE,	SG,	SK,	SL,	SM,		
		SY,	ΤJ,	TM,	TN,	TR,	TT,	ΤZ,	UA,	ŪĠ,	US,	UΖ,	VC,	VN,	YU,	ZA,	ZM,	zw	
	RW:	BW,	GH,	GM,	KΕ,	LS,	MW,	ΜZ,	NA,	SD,	SL,	SZ,	TZ,	UG,	ZM,	ZW,	AM,		
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ΕP	17278	887			A1		2006	1206		EP 2	005-	7170	46		2	0050	315		
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CN	19302	-					-	-	•	-	•					0050	315		
JР	20079	5294	70		Т		2007	1025		JP 2	007-	50334	11		2	0050	315		
PRIORITY APPLN. INFO.:										IT 2	004-1	4I49	7	7					
	WO EP	WO 2005 W: RW: EP 1727 R: CN 1930 JP 2007	WO 200509054 W: AE, CN, GE, LK, NO, SY, RW: BW, AZ, EE, RO, MR, EP 1727887 R: AT, IS, CN 1930278 JP 200752947	WO 2005090544 W: AE, AG, CN, CO, GE, GH, LK, LR, NO, NZ, SY, TJ, RW: BW, GH, AZ, BY, EE, ES, RO, SE, MR, NE, EP 1727887 R: AT, BE, IS, IT, CN 1930278 JP 2007529470	WO 2005090544 W: AE, AG, AL, CN, CO, CR, GE, GH, GM, LK, LR, LS, NO, NZ, OM, SY, TJ, TM, RW: BW, GH, GM, AZ, BY, KG, EE, ES, FI, RO, SE, SI, MR, NE, SN, EP 1727887 R: AT, BE, BG, IS, IT, LI, CN 1930278 JP 2007529470	WO 2005090544 A1 W: AE, AG, AL, AM, CN, CO, CR, CU, GE, GH, GM, HR, LK, LR, LS, LT, NO, NZ, OM, PG, SY, TJ, TM, TN, RW: BW, GH, GM, KE, AZ, BY, KG, KZ, EE, ES, FI, FR, RO, SE, SI, SK, MR, NE, SN, TD, EP 1727887 A1 R: AT, BE, BG, CH, IS, IT, LI, LT, CN 1930278 A JP 2007529470 T	WO 2005090544 A1 W: AE, AG, AL, AM, AY, CN, CO, CR, CU, CZ, GE, GH, GM, HR, HU, LK, LR, LS, LT, LU, NO, NZ, OM, PG, PH, SY, TJ, TM, TN, TR, RW: BW, GH, GM, KE, LS, AZ, BY, KG, KZ, MD, EE, ES, FI, FR, GB, RO, SE, SI, SK, TR, MR, NE, SN, TD, TG EP 1727887 A1 R: AT, BE, BG, CH, CY, IS, IT, LI, LT, LU, CN 1930278 A JP 2007529470 T	WO 2005090544 A1 2005 W: AE, AG, AL, AM, AZ, AU, CN, CO, CR, CU, CZ, DE, GE, GH, GM, HR, HU, ID, LK, LR, LS, LT, LU, LV, NO, NZ, OM, PG, PH, PL, SY, TJ, TM, TN, TR, TT, RW: BW, GH, GM, KE, LS, MW, AZ, BY, KG, KZ, MD, RU, EE, ES, FI, FR, GB, GR, RO, SE, SI, SK, TR, BF, MR, NE, SN, TD, TG EP 1727887 A1 2006 R: AT, BE, BG, CH, CY, CZ, IS, IT, LI, LT, LU, MC, CN 1930278 A 2007 JP 2007529470 T 2007	WO 2005090544 W: AE, AG, AL, AM, AZ, AU, ZZ, CN, CO, CR, CU, CZ, DE, DK, GE, GH, GM, HR, HU, ID, IL, LK, LR, LS, LT, LU, LV, MA, NO, NZ, OM, PG, PH, PL, PT, SY, TJ, TM, TN, TR, TT, TZ, RW: BW, GH, GM, KE, LS, MW, MZ, AZ, BY, KG, KZ, MD, RU, TJ, EE, ES, FI, FR, GB, GR, HU, RO, SE, SI, SK, TR, BF, BJ, MR, NE, SN, TD, TG EP 1727887 R: AT, BE, BG, CH, CY, CZ, DE, IS, IT, LI, LT, LU, MC, NL, CN 1930278 A 20070314 JP 2007529470 T 20071025	WO 2005090544 W: AE, AG, AL, AM, AZ, AU, AZ, BA, CN, CO, CR, CU, Z, DE, DK, DM, GE, GH, GM, HR, HU, ID, IL, IN, LK, LR, LS, LT, LU, LV, MA, MD, NO, NZ, OM, PG, PH, PL, PT, RO, SY, TJ, TM, TN, TR, TT, TZ, UA, RW: BW, GH, GM, KE, LS, MW, MZ, NA, AZ, BY, KG, KZ, MD, RU, TJ, TM, EE, ES, FI, FR, GB, GR, HU, IE, RO, SE, SI, SK, TR, BF, BJ, CF, MR, NE, SN, TD, TG EP 1727887 R: AT, BE, BG, CH, CY, CZ, DE, DK, IS, IT, LI, LT, LU, MC, NL, PL, CN 1930278 A 20070314 JP 2007529470 T 20071025	WO 2005090544 W: AE, AG, AL, AM, AZ, AU, AZ, BA, BB, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, GE, GH, GM, HR, HU, ID, IL, IN, IS, LK, LR, LS, LT, LU, LV, MA, MD, MG, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, EE, ES, FI, FR, GB, GR, HU, IE, IS, RO, SE, SI, SK, TR, BF, BJ, CF, CG, MR, NE, SN, TD, TG EP 1727887 R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, IS, IT, LI, LT, LU, MC, NL, PL, PT, CN 1930278 JP 2007529470 T 20071025 JP 2071025 JP 207117 APPLN. INFO::	WO 2005090544 A1 0050929 WO 2005-1 W: AE, AG, AL, AM, AZ, AU, MZ, BA, BB, BG, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, MR, NE, SN, TD, TG EP 1727887 A1 20061206 EP 2005-1 R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, CN 1930278 A 20070314 CN 2005-1 JP 2007529470 T 20071025 JP 2007-1	WO 2005090544 W: AE, AG, AL, AM, AZ, AU, Z, BA, BB, BG, BR, CN, CO, CR, CU, Z, DE, DK, DM, DZ, EC, EE, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, MR, NE, SN, TD, TG EP 1727887 A1 20061206 EP 2005-71704 R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, CN 1930278 A 20070314 CN 2007-50334 ORITY APPLN. INFO:: U 2004-MI49	WO 2005090544 A1	WO 2005090544 Al	WO 2005090544 W: AE, AG, AL, AM, AZ, AU, ZZ, BA, BB, BG, BR, BW, BY, BZ, CN, CO, CR, CU, ZZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, MR, NE, SN, TD, TG EP 1727887 A1 20061206 EP 2005-717046 20 EP 1727887 A1 20061206 EP 2005-717046 CN 1930278 A 20070314 CN 2005-80008194 20 RITY APPLN. INFO.: IT 2004-MI497 A 20071025 IT 2004-MI497 A 20071025	WO 2005090544 W: AE, AG, AL, AM, AZ, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, MR, NE, SN, TD, TG EP 1727887 A1 20061206 EP 2005-717046 20050 R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IS, IT, LI, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR CN 1930278 A 20070314 CN 2005-80008194 20050 DRITY APPLN. INFO: IT 2004-MI497 A 20040	WO 2005090544 W: AE, AG, AL, AM, AZ, AU, ZZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG EP 1727887 A1 20061206 EP 2005-717046 20050315 R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR CN 1930278 A 20070314 CN 2005-80008194 20050315 JP 2007529470 T 20071025 JP 2007-503341 20050315	

OTHER SOURCE(S): MARPAT 143:328182

AB A process for obtaining dilute aqueous solns. containing an amount of < 7% by weight,

expressed as a percentage by weight, of imidoalkanepercarboxylic acids, starting with concentrated aqueous compns. of the said peracids in the .beta

. form, the said concentrated compns. being obtained from the imidoalkanepercarboxylic acids in the α -crystal form, comprises the following steps: (I) dilution of the concentrated aqueous composition of imidoalkanepercarboxylic acids (C) with an aqueous solution (D) having a pH of between 2 and 5, in a (C):(D) proportion, expressed in parts by weight, of between 0.1:10 and 10:0.2, working at temps. of between 4° and 30°; (II) application to the dilute aqueous composition obtained in (I) of a shear force off at least 5000 s-1, until a constant dynamic viscosity is obtained; (III) dilution of the dilute aqueous composition treated in (II) to obtain an

imidoalkanepercarboxylic acid concentration of < 7% by weight; (IV) optionally, final homogenization of the composition Such dilute aqueous compns. are used in

detergency applications, in disinfection applications, and are applied by means of dispersers (triggers).

REFERENCE COUNT:

THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS 5 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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ANSWER 1 OF 5 HCAPLUS COPYRIGHT 2007 ACS on SEN Ll ACCESSION NUMBER:

DOCUMENT NUMBER:

2005:1042379 HCAPLUS

143:328182

TITLE:

Dilution process for imidopercarboxylic

acids solution

INVENTOR(S):

Bianchi, Ugo Plero; Garaffa, Roberto

PATENT ASSIGNEE(S):

Solvay Solexis S.p.A., Italy

SOURCE:

PCT Int Appl., 22 pp.

CODEN: PIXXD2 Patent

DOCUMENT TYPE:

English LANGUAGE:

FAMILY ACC. NUM. COUNT:

PATENT INFORMATION:

	PATENT NO.					KIND DATE			\bigcap	APPL	ICAT	ION I	DATE						
	WO 2005090544			A1 20050929			WO 2005-EP51172					20050315							
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	JP 2007529470					T		2007	1025	JP 2007-503341				41	20050315				
PRIORITY APPLN. INFO.:				. :					IT 2004-MI497				A 20040316						
										1	WO 2	005-1	EP51	172	1	W 2	0050	315	

MARPAT 143:328182

A process for obtaining dilute aqueous solns. containing an amount of < 7% by weight,

expressed as a percentage by weight, of imidoalkanepercarboxylic acids,

starting with concentrated aqueous compns. of the said peracids in the β form, the said concentrated compns. being obtained from the imidoalkanepercarboxylic acids in the $\alpha\text{-}crystal$ form, comprises the following steps: (I)

dilution of the concentrated aqueous composition of imidoalkanepercarboxylic acids (C) with

an aqueous solution (D) having a pH of between 2 and 5, in a (C): (D) proportion,

expressed in parts by weight, of between 0.1:10 and 10:0.2, working at temps. of between 4° and 30°; (II) application to the dilute aqueous

composition obtained in (I) of a shear force off at least 5000 s-1, until a constant dynamic viscosity is obtained; (III) dilution of the dilute aqueous composition

treated in (II) to obtain an imidoalkanepercarboxylic acid concentration of <7%

by weight; (IV) optionally, final homogenization of the composition Such dilute aqueous

compns. are used in detergency applications, in disinfection applications, and are applied by means of dispersers (triggers).

REFERENCE COUNT:

5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L1 ANSWER 2 OF 5 HCAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: DOCUMENT NUMBER:

2004:1127241 HCAPLUS

DOCOMEN

142:76602

TITLE:

Manufacture of storage-stable percarboxylic acid-based

polyelectrolyte capsule system

INVENTOR(S):

Schmiedel, Peter; Buzzacchi, Matteo; Kaiser, Heribert;

Von Rybinski, Wolfgang; Orlich, Bernhard

PATENT ASSIGNEE(S):

Henkel Kommanditgesellschaft auf Aktien, Germany

SOURCE:

PCT Int. Appl., 67 pp. CODEN: PIXXD2

DOCUMENT TYPE:

Patent

LANGUAGE:

German

FAMILY ACC. NUM. COUNT: 4

PATENT INFORMATION:

	PA	rent :	NO.			KIN	D	DATE			APP.	LICAT	ION I	NO.		D	ATE		
	WO	2004	 1106	13		A1	-	2004	223		WO :	2004-:	 EP61	 69		2	0040	 608	
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PRIO	RIT	APP	LN.	INFO	.:						DE :	2003-	1032	7127	1	A 2	0030	613	
											DE :	2003-	1036	1170	7	A 2	0031	222	
											WO :	2004-	EP61	69	1	W 2	0040	608	
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AB A multilayer capsule system containing organic percarboxylic acids, especially

imidopercarboxylic acids (e.g. 6-phthalimidoperoxycaproic acid), useful in liquid detergents and cleaners, dental care products, hair dyes, and decolorants or bleaching agents, is manufactured by depositing on percarboxylic acid particles ≥ 2 different shell layers each based on a polyelectrolyte and/or ionic surfactant. Thus, spraying 300 g Eureco W (72% 6-phthalimidoperoxycaproic acid) at 50° in a fluidized bed with 150 mL Luviquat Care (polycation) containing 1% Sequion 10H60, drying, spraying with 100 mL Sokalan CP 45 containing 1% Sequion 10H60 and repeating the procedure gave encapsulated particles (particle size 200-2000 μm) containing 61% active substance (6-phthalimidoperoxycaproic acid).

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L1 ANSWER 3 OF 5 HCAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2004:1127240 HCAPLUS

DOCUMENT NUMBER: 142:76601

TITLE: Manufacture of storage-stable percarboxylic acid-based

capsules

INVENTOR(S): Schmiedel, Peter; Kaiser, Heribert; Scholl, Elke; Von

Rybinski, Wolfgang

PATENT ASSIGNEE(S): Henkel Kommanditgesellschaft auf Aktien, Germany

SOURCE: PCT Int. Appl., 55 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: German

FAMILY ACC. NUM. COUNT: 4

PATENT INFORMATION:

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APPLICATION NO.
                              DATE
    WO 2004110612 A1 000
    PATENT NO.
                       KIND
                                                               DATE
                       A1 20041223 WO 2004-EP6168 20040608
        W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,
            CN, CO, CR, CU, CZ, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE,
            GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK,
            LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO,
            NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ,
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    DE 10361100
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                        A1
                              20060315
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                                                              20040608
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    JP 2007527929
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                                          JP 2006-515853
                                                                20040608
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                        A1
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                                          US 2005-299166
                                                               20051209
PRIORITY APPLN. INFO.:
                                          DE 2003-10327127
                                                            A 20030613
                                          DE 2003-10361100
                                                            A 20031222
                                          WO 2004-EP6168
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AB A capsule system containing organic percarboxylic acids, especially imidopercarboxylic acids (e.g. 6-phthalimidoperoxycaproic acid), useful in liquid detergents and cleaners, dental care products, hair dyes, and decolorants or bleaching agents, is manufactured by depositing on percarboxylic acid particles ≥1 inorg. acid salt. Thus, spraying 800 g Eureco W (72% 6-phthalimidoperoxycaproic acid) with 800 g of 20% aqueous Na2SO4 solution containing 1% Sequion 10H60 and separating particles <2.0 mm by sieving gave encapsulated bleach particles containing 70.5% active substance. The encapsulated particles were incorporated in a liquid detergent

formulation which was stored at 40° to show 99% and 95% bleach activity after 1 and 2 wk, resp., vs. 75% and 65% for similar composition containing unencapsulated Eureco W.

REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L1 ANSWER 4 OF 5 HCAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2004:1127239 HCAPLUS

DOCUMENT NUMBER: 142:76600

TITLE: Manufacture of gel capsules containing percarboxylic

acid bleach

INVENTOR(S): Schmiedel, Peter; Barreleiro, Paula; Von Rybinski,

Wolfgang; Orlich, Bernhard

PATENT ASSIGNEE(S): Henkel Kommanditgesellschaft auf Aktien, Germany

SOURCE: PCT Int. Appl., 55 pp.

CODEN: PIXXD2
DOCUMENT TYPE: Patent

DOCUMENT TYPE: Patent LANGUAGE: German

FAMILY ACC. NUM. COUNT: 4

PATENT INFORMATION:

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APPLICATION NO.
    PATENT NO.
                       KIND
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                                                               DATE
                       A1 20041223 WO 2004-EP6167 20040608
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    WO 2004110611
        W: AE, AG, AL, AM, AT, AL, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,
            CN, CO, CR, CU, CZ, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE,
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            NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ,
            TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
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                                                                20031222 .
                              20060315
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                        A1
                                                                20040608
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    JP 2006527292
                              20061130
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PRIORITY APPLN. INFO.:
                                          DE 2003-10327127
                                                             A 20030613
                                          DE 2003-10361084
                                                             A 20031222
                                          WO 2004-EP6167
                                                             W 20040608
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Storage-stable gel capsules containing organic percarboxylic acids, especially AB imidopercarboxylic acids (e.g. 6-phthalimidoperoxycaproic acid), useful especially in liquid detergents and cleaners, dental care products, hair dyes, and decolorants or bleaching compns. for tech. applications, were manufactured by incorporating solid percarboxylic acid particles in a gel matrix obtained by solidification and/or gelling of an oil phase m. <35°, e.g., a paraffin oil, glyceride, vegetable oil, etc., and containing a gel-forming agent and stabilizing agent, e.g., a block copolymer. For example, adding 2% Kraton G 1650 to low-viscosity paraffin oil at 70° with stirring gave a homogeneous solution which was cooled to 40°, 60% (based on paraffin oil + Kraton) of homogenized Eureco W (72% 6-phthalimidoperoxycaproic acid) was added with stirring, the mixture was poured in 5 vols. of H2O with stirring, and cooled. The encapsulated 6-phthalimidoperoxycaproic acid particles which settled at the bottom were separated and the fraction <1 mm incorporated (6%) in a liquid detergent composition

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which was stored at 40° to give 100.0% and 99.2% active O content after 1 and 2 wk, resp., vs. 87.5 and 80.0% for similar detergent containing non-capsulated Eureco W.

REFERENCE COUNT:

THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

ANSWER 5 OF 5 HCAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER:

1990:80000 HCAPLUS

DOCUMENT NUMBER:

112:80000

TITLE:

Bleaching agents comprising aromatic imide

percarboxylic acids and their preparation and use

INVENTOR(S):

Venturello, Carlo; Cavallotti, Caludio; Burzio, Fulvio

ADDITION TO ME

PATENT ASSIGNEE(S):

Ausimont S.p.A., Italy

SOURCE:

Eur. Pat. Appl., 11 pp.

CODEN: EPXXDW

KIND DAME

DOCUMENT TYPE:

Patent

LANGUAGE:

English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION: DAMENIO MO

PATENT NO.	KIND DATE	APPLICATION NO.	DATE
EP 325289 EP 325289	A1 19890726 B1 19930901	EP 1989-101003	19890120
R: AT, BE, CH,	DE, ES, FR, GB,	LI, NL, SE	
AU 8928678 .	A 19890720	AU 1989-28678	19890120
AU 614322	B2 19910829		
JP 02001473	A 19900105	JP 1989-11742	19890120
JP 2786222	B2 19980813		
AT 93908	T 19930915	AT 1989-101003	19890120
ES 2058348	T3 19941101	ES 1989-101003	19890120
CA 1340680	C 19990727	CA 1989-588845	19890120
BR 8900265	A 19890919	BR 1989-265	19890123
US 5520844	A 19960528	US 1991-637479	19910104
US 5688 <u>4</u> 34	A 19971118	US 1996-593655	19960129
ORITY APPEN. INFO.:		IT 1988-19131	A 19880120
		US 1989-298918	B1 19890119
		EP 1989-101003	A 19890120
		US 1991-637479	A3 19910104

MARPAT 112:80000 OTHER SOURCE(S):

Peroxy acids X(CHR)nCO2OH [X = (un)substituted phthalimido or naphthalenedicarboximido; each R = H, (un) substituted alkyl, OH, CO2H, CO2OH, CO2R1; R1 = C1-5 (un) substituted alkyl; n = 1-5], prepared by the reaction of H2O2 with the acid or anhydride in concentrated H2SO4 or MeSO3H or in an alkaline medium, are useful as bleaching agents, especially in the laundering

of fabrics at low temps. Phthalimidoacetic acid in MeSO3H was treated with H2O2 to give phthalimidoperacetic acid, which was used with a laundry detergent at 40° for the bleaching of cotton fabrics stained with red wine.

=> log y		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
•	ENTRY	SESSION
FULL ESTIMATED COST	46.04	46.67
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-6.24	-6.24

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